

## ABSTRACT

A computer integrated cordless phone. The phone can include a cordless handset transceiver configured for coupling to an antenna shared with a wireless network adapter through a multiplexer/demultiplexer so that both of the cordless handset transceiver and the wireless network adapter transmit and receive data within a common wireless frequency spectrum. In a preferred embodiment, the cordless handset transceiver can include a further configuration for coupling to a central processing unit, audio processing circuitry and power supply within a computing device shared with the wireless network adapter. Notably, the common wireless frequency spectrum can include the ISM frequency band.